Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\

Quantitation Report (Not Reviewed)

Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B28

Quant Time: May 03 04:42:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	948536	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	895236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	404245	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	361149	45.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.98%			
7) Chloroethane-d5	1.68	69	277114	45.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.34%			
11) 1,1-Dichloroethene-d2	2.27	63	520807	32.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.88%			
21) 2-Butanone-d5	4.19	46	701367	97.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.51%			
24) Chloroform-d	4.64	84	616423	42.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.80%			
26) 1,2-Dichloroethane-d4	5.31	65	409279	43.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.18%			
32) Benzene-d6	5.33	84	1262784	45.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.88%			
36) 1,2-Dichloropropane-d6	6.32	67	452644	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.60%			
41) Toluene-d8	7.56	98	1108976	46.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.64%			
43) trans-1,3-Dichloropropene-	7.85	79	192972	46.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.96%			
47) 2-Hexanone-d5	8.31	63	480566	114.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.80%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	578655	44.58	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.16%			
64) 1,2-Dichlorobenzene-d4	11.86	152	392793	46.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.40%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4756	0.626	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4338	0.586	ug/L #	1
13) Acetone	2.34	43	20302	2.506	ug/L	61
39) cis-1,3-Dichloropropene	7.22	75	10519	0.852	ug/L #	73
42) Toluene	7.64	91	22963	0.700	ug/L	98
48) 2-Hexanone	8.31	43	53732	4.621	ug/L #	72
69) Naphthalene	13.74	128	220346	8.145	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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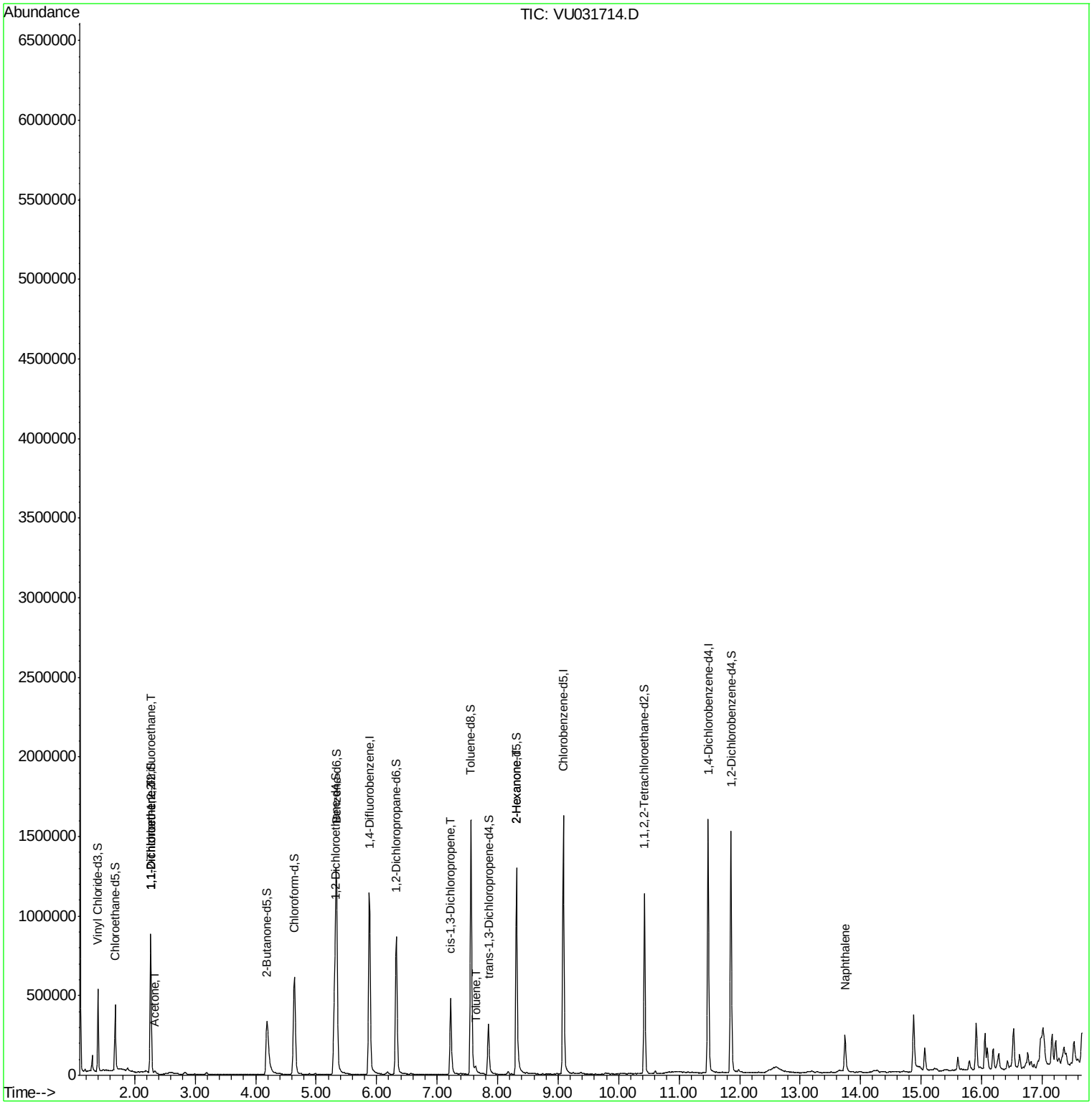
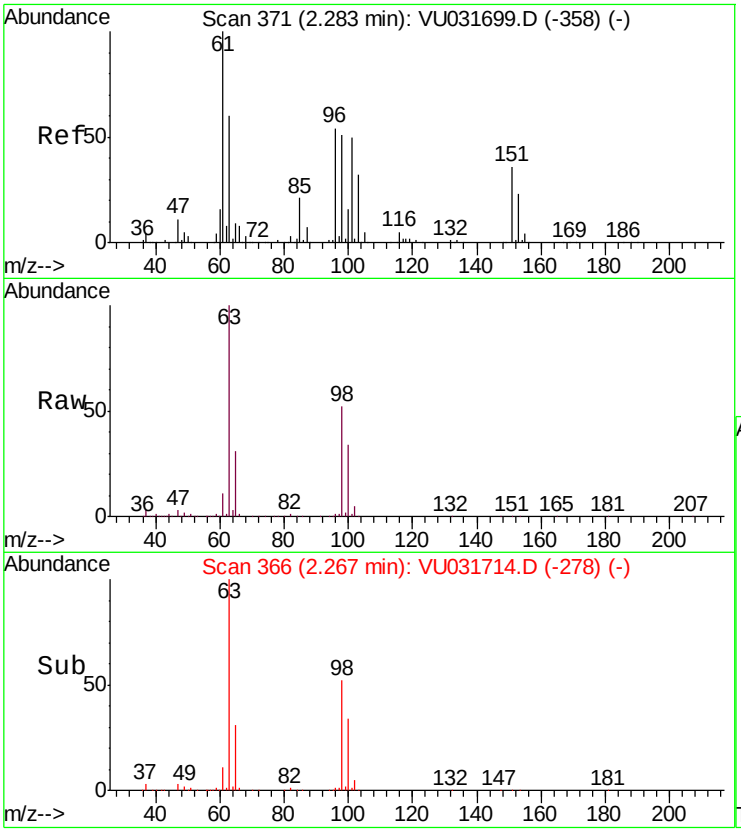
Quant Title : VOC Analysis
QLast Update : Fri May 03 04:37:29 2019
Response via : Initial Calibration



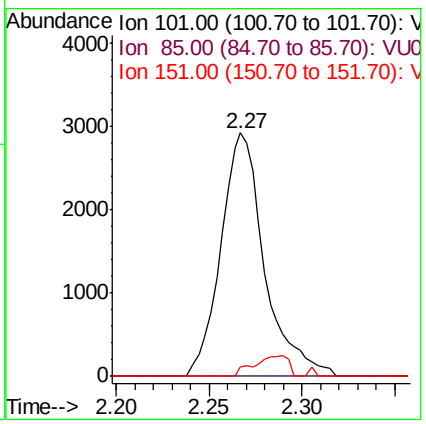


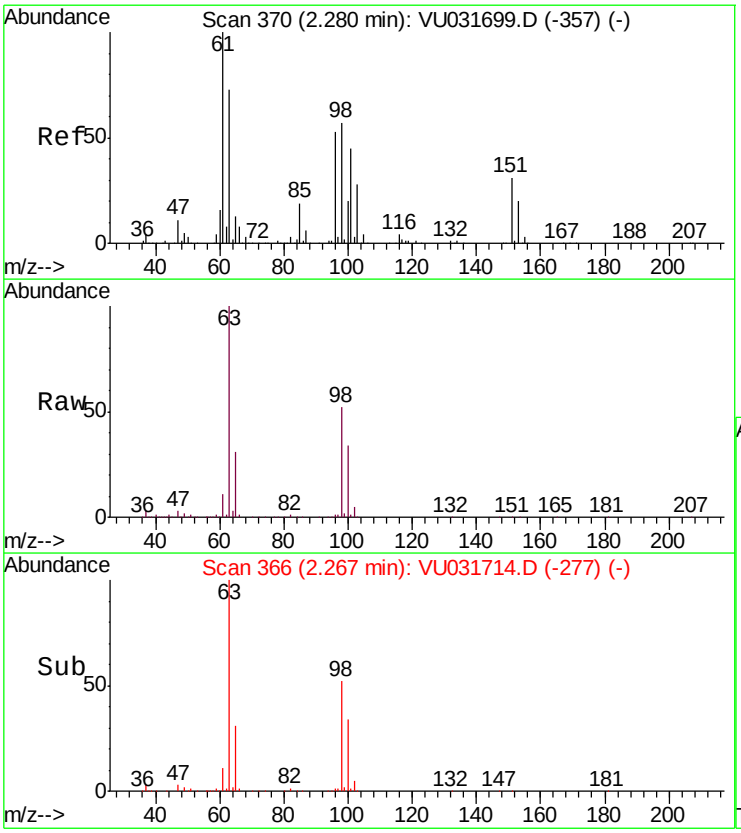
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.626 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU031714.D
Acq: 02 May 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
C0B28

Tgt Ion:101 Resp: 4756

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	1.4	56.1	84.1#

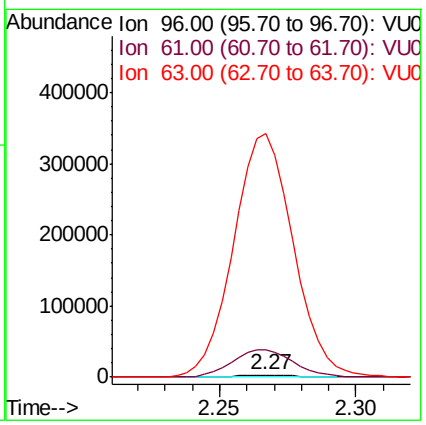


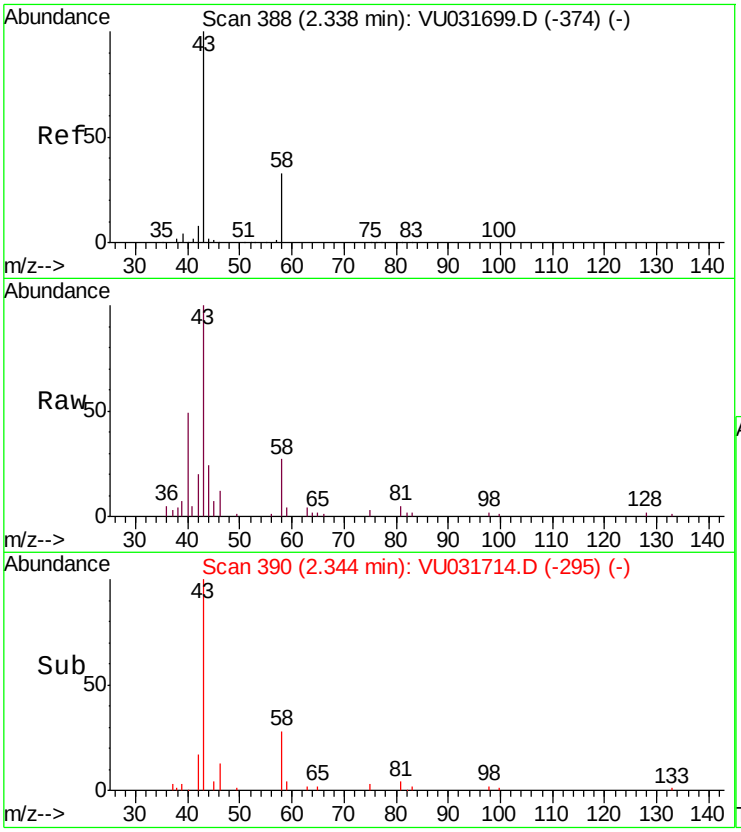


#12
1,1-Dichloroethene
Concen: 0.586 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU031714.D
Acq: 02 May 2019 16:02

Tgt Ion: 96 Resp: 4338

Ion	Ratio	Lower	Upper
96	100		
61	1412.9	135.0	250.6#
63	12430.5	103.5	192.3#



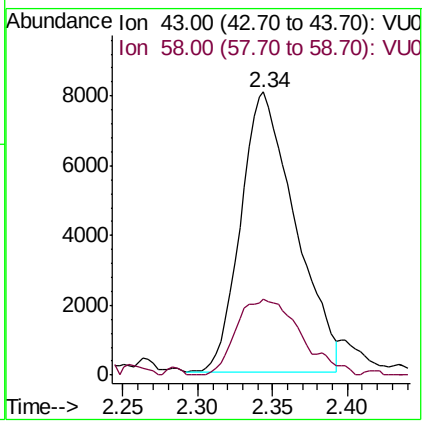


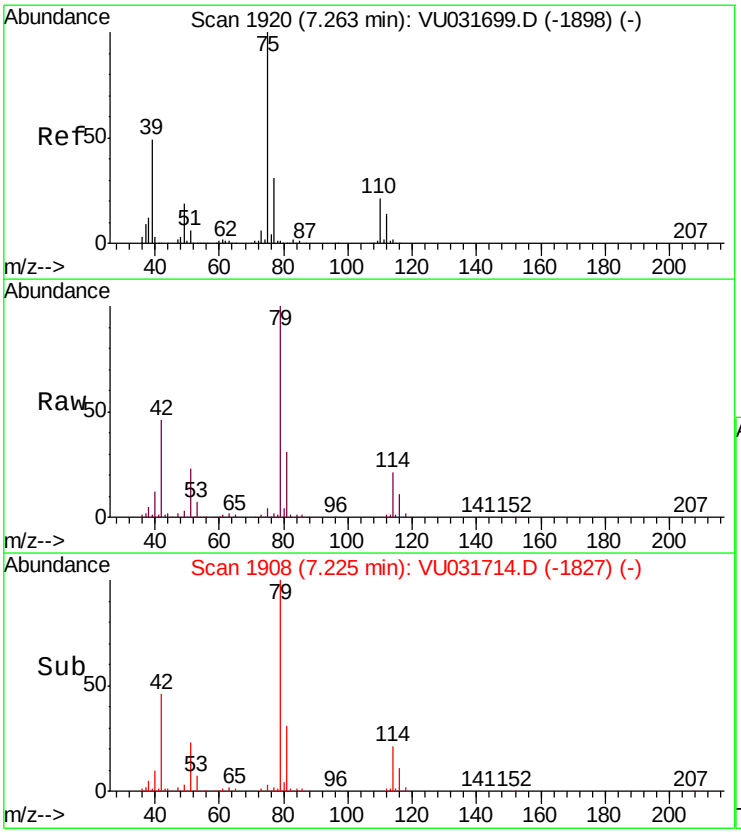
#13
Acetone
Concen: 2.506 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.01 min
Lab File: VU031714.D
Acq: 02 May 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
C0B28

Tgt Ion: 43 Resp: 20302

Ion	Ratio	Lower	Upper
43	100		
58	10.4	0.0	64.4

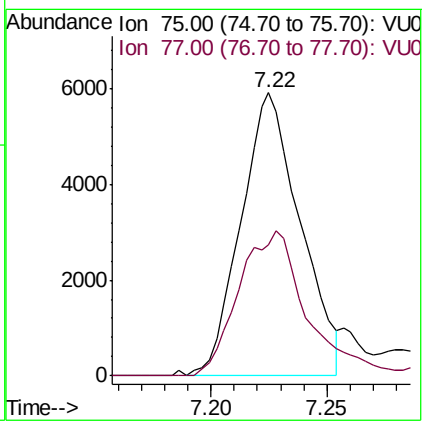


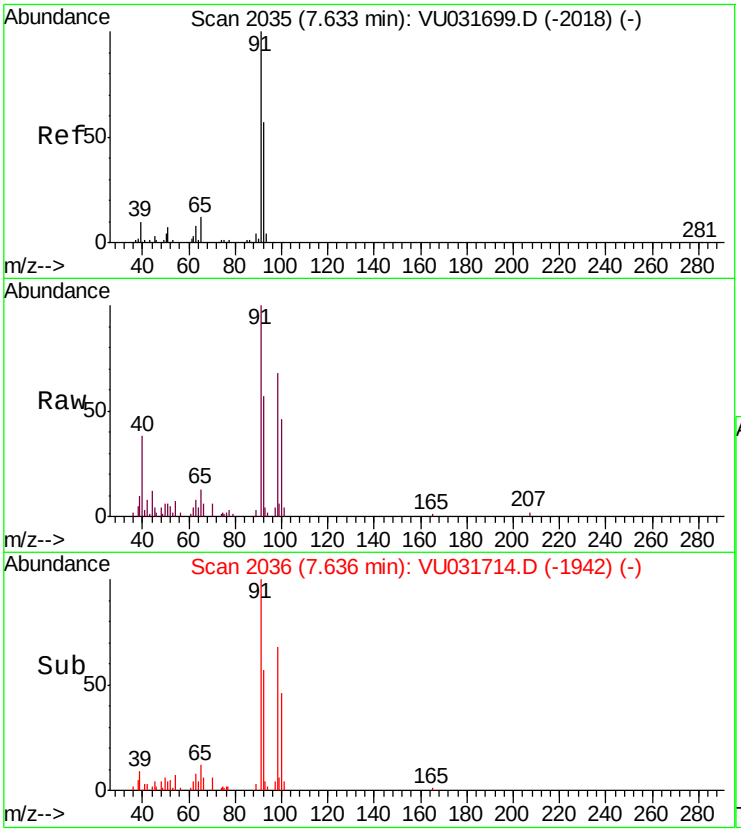


#39
cis-1,3-Dichloropropene
Concen: 0.852 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU031714.D
Acq: 02 May 2019 16:02

Tgt Ion: 75 Resp: 10519

Ion	Ratio	Lower	Upper
75	100		
77	46.5	22.1	41.1#



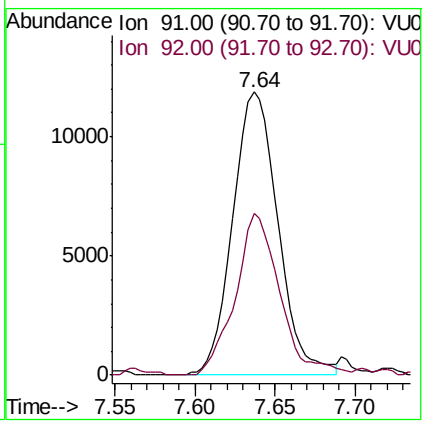


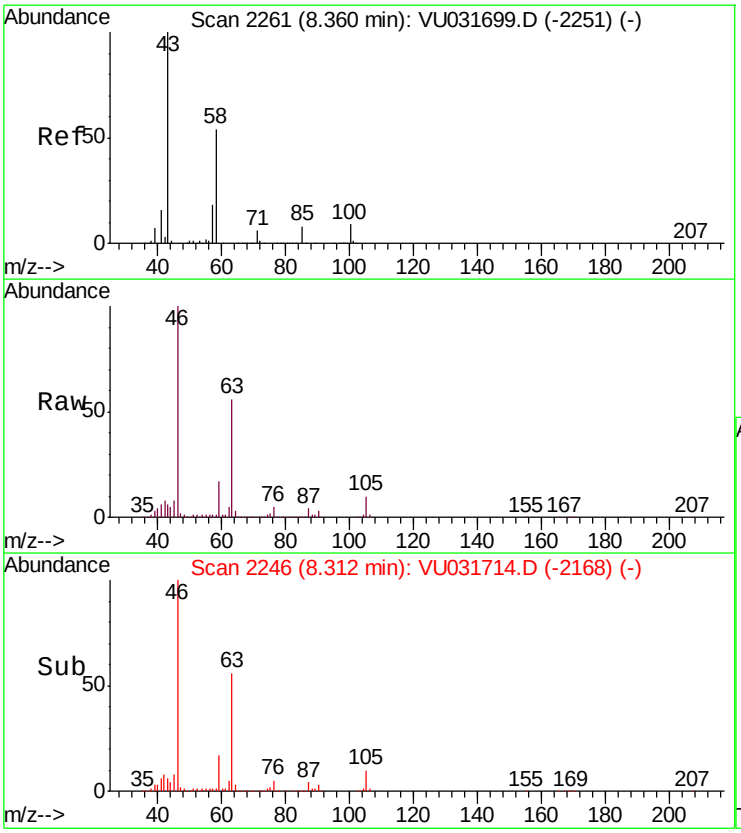
#42
Toluene
Concen: 0.700 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU031714.D
Acq: 02 May 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
C0B28

Tgt Ion: 91 Resp: 22963

Ion	Ratio	Lower	Upper
91	100		
92	57.2	39.0	72.4

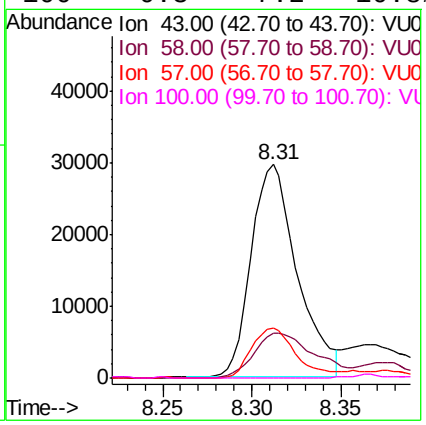


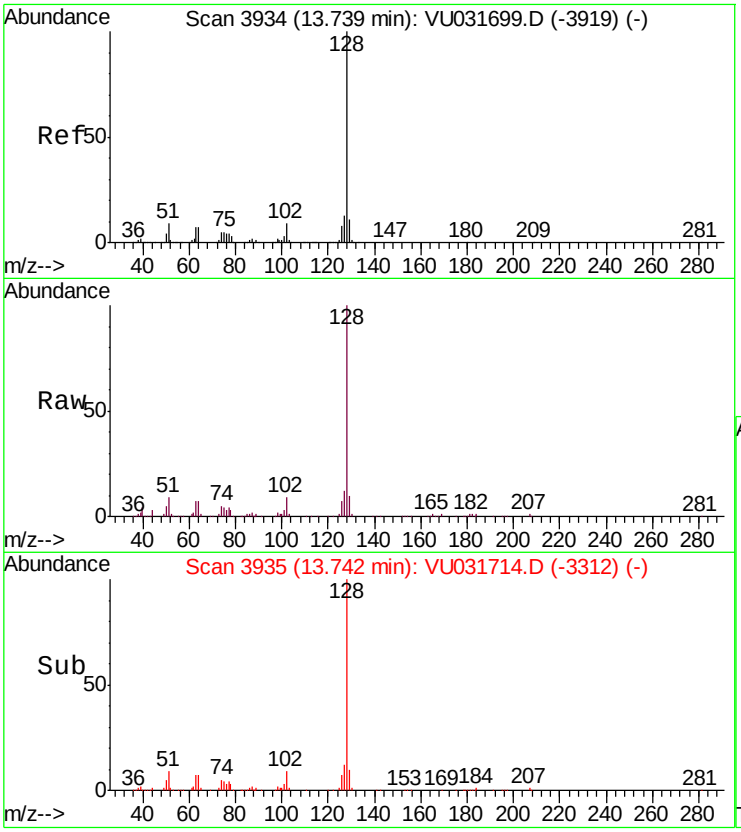


#48
2-Hexanone
Concen: 4.621 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031714.D
Acq: 02 May 2019 16:02

Tgt Ion: 43 Resp: 53732

Ion	Ratio	Lower	Upper
43	100		
58	27.4	42.1	63.1#
57	22.5	14.6	22.0#
100	0.3	7.2	10.8#





#69
Naphthalene
Concen: 8.145 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU031714.D
Acq: 02 May 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
C0B28

Tgt Ion:128 Resp: 220346

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.1	8.7	13.1